

AMENDMENTS TO THE SPECIFICATION

Please amend Paragraphs 39, 44 and 46 as follows:

[0039] The information gathered by the main scan sensor 440 can be used for different purposes. The information can be used as feedback to control automated sweeping by the main scan module 430, or can also be used to control or coordinate the dithering by the sub-scan module 420. For example, if the physician sweeps at an uneven speed, then the dithering speed can be automatically adjusted to match the physician's sweep speed. For example, see co-pending U.S. Patent Application Ser. No. 10/745,761 *** [attorney docket number 8533], "Method And Apparatus For Monitoring and Controlling Laser-Induced Tissue Treatment," filed on December 23, 2003 and incorporated by reference herein.

[0044] Additional optics 520 between the collimating and focusing elements 517 and 562 dither the location of the multiple light beams on the surface of the skin. In this implementation, optical elements 520 are rotated by motors in the hand piece. Each optical element is divided into different facets, each of which dithers the light beams by different amounts. When the elements are rotated, the array of light beams is sequentially dithered to the different locations, thus generating the pattern of spots. For example, see co-pending U.S. Patent Application Ser. No. 10/750,790 *** [attorney docket number 8534], "High Speed, High Efficiency Optical Pattern Generator using Rotating Optical Elements," filed on even date herewith and incorporated by reference herein.

[0046] FIG. 6 is a diagram of another implementation of a light treatment apparatus using multiple light sources. In this example, five diode lasers 615 are coupled into high brightness glass fiber pigtails 617. The pigtails are arranged to form a 1xN array (N=5). Each of the diode lasers 615 provides 1 W of continuous or pulsed power. Higher or lower power optical sources can be used. Some industrial systems can be purchased with a thermoelectric cooler, heat sink, fan, power supply and component electronics all in one package. The fibers 617 are terminated with an epoxy-free industry standard connector 620 for high power lasers to which an optional commercially available collimating lens adapter 630 can be attached and passively aligned. This arrangement can be used to produce an array 640 of closely spaced light beams of about the same size and intensity. Customized optics and/or housings can be used to achieve a closer spacing. The fiber pigtails are mounted on a carriage 620 that is moveable in the sub-scan direction 622. A motor drives the carriage, thus dithering the array of light beams in the sub-scan direction.

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